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PATENT & TRADEMARK OFFICE

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Washington, D.C. 20231

On November 5, 2002

TOWNSEND and TOWNSEND and CREW LLP

By: [signature]

PATENT
Attorney Docket No.: 020910-000110US

#16B
Plunkett
11/18/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Examiner: Unassigned
Michael A. Sherman et al.	Art Unit: 1644
Application No.: 10/053,253	SECOND PRELIMINARY AMENDMENT
Filed: November 2, 2001	
For: METHOD FOR LARGE TIMESTEPS IN MOLECULAR MODELING	

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks.

IN THE SPECIFICATION:

Please replace the paragraph beginning at page 10, line 30 with the following rewritten paragraph:

B1

An asterisk indicates the transpose: $H^*(k)$, for example. A tilde over a vector indicates a 3 by 3 skew-symmetric cross product matrix: $\tilde{v}w \triangleq v \times w$. $\underline{\underline{E}}_i$ is an i by i identity matrix, and $\underline{0}_i$ is a zero vector of length i and $\underline{\underline{0}}_i$ is an i by i zero matrix.